

Application Serial No.: 10/802,447
Attorney Docket No.: 01MOT204P-DIV

List of Claims:

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Claims 1-13 (canceled).

Claim 14 (currently amended): A cleaning apparatus for cleaning a system having a first fluid and a system pump, said cleaning apparatus comprising:

- a tank including a second fluid;
- an output hose;
- an apparatus pump for pumping a predetermined amount of said second fluid from said tank into said system via said output hose, while said system pump is off;
- a return hose; and
- a filter between said return hose and said output hose;
- an air storage tank; and
- an air compressor for compressing air into said air storage tank;

wherein after said predetermined amount of said second fluid is pumped into said system, said system pump is turned on to pump said first fluid and said second fluid out of said return line through said filter and into said output hose and back into said system,

wherein said system pump is turned off and said air in said air storage tank is delivered to said system for purging said first fluid and said second fluid from said system, and

Application Serial No.: 10/802,447
Attorney Docket No.: 01MOT204P-DIV

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wherein said air compressor starts compressing said air into said air storage tank before said system pump is turned on and terminates compressing said air into said air storage tank before said system pump is turned off.

Claim 15 (original): The cleaning apparatus of claim 14 further comprising a flow sensor for providing an indication when said predetermined amount of said second fluid has been pumped into said system.

Claim 16 (original): The cleaning apparatus of claim 15 further comprising a controller in communication with said apparatus pump and said flow sensor, wherein upon receipt of said indication from said flow sensor by said controller, said controller turns off said apparatus pump.

Claim 17 (cancelled).

Claim 18 (original): The cleaning apparatus of claim 14 further comprising an air regulator for regulating a pressure of said air being delivered to said system.

Claim 19 (original): The cleaning apparatus of claim 14 further comprising an air pressure shutoff switch for shutting off said air compressor when an air pressure reaches a

Application Serial No.: 10/802,447
Attorney Docket No.: 01MOT204P-DIV

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predetermined level.

Claim 20 (original): The cleaning apparatus of claim 19 further comprising an air pressure gauge coupled to said air compressor for measuring said air pressure.

Claim 21 (original): The cleaning apparatus of claim 14 further comprising a timed air release control controlling an air release solenoid, wherein said air release solenoid receives said air from said air storage tank and delivers said air to said system.

Claim 22 (currently amended): A method of cleaning a system having a first fluid and a system pump, said method comprising the steps of:

- connecting an output hose to said system;
- connecting a return hose to said system;
- pumping a predetermined amount of a second fluid into said system via said output hose while said system pump is off;
- turning on said system pump;
- pumping out said first fluid and said second fluid through said return hose using said system pump;
- filtering said first fluid and said second fluid in said return hose to generate a filtered fluid; and

Application Serial No.: 10/802,447
Attorney Docket No.: 01MOT204P-DIV

BEST AVAILABLE COPY

pumping said filtered fluid into said system via said output hose using said system pump;

compressing air into an air storage tank;

turning off said system pump; and

purging said first fluid and said second fluid from said system using said air in said air storage tank;

wherein said step of compressing starts prior to said step of turning on said system pump and terminates prior to said step of turning off said system pump.

Claim 23 (original): The method of claim 22, wherein said step of pumping step of said predetermined amount of said second fluid includes the steps of:

measuring said second fluid for providing an indication to a controller when said predetermined amount of said second fluid has been pumped into said system; and
terminating said pumping step when said processor receives said indication.

Claim 24 (cancelled).

Claim 25 (currently amended): The method of claim 24 22, wherein said compressing step is performed prior to said step of pumping said predetermined amount of said second fluid into said system.

Application Serial No.: 10/802,447
Attorney Docket No.: 01MOT204P-DIV

Claim 26 (cancelled).

BEST AVAILABLE COPY

Claim 27 (currently amended): The method of claim 24 22, wherein said step of purging includes regulating a pressure of said air.

Claim 28 (currently amended): The method of claim 24 22, wherein said compressing step includes measuring an air pressure and ending said compressing step when said air pressure reaches a predetermined level.

Claims 29-54 (canceled).